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NEWS 3	OCT 06	Increase your retrieval consistency with new formats or for Taiwanese application numbers in CA/CAplus.
NEWS 4	OCT 21	CA/CAplus kind code changes for Chinese patents increase consistency, save time
NEWS 5	OCT 22	New version of STN Viewer preserves custom highlighting of terms when patent documents are saved in .rtf format
NEWS 6	OCT 28	INPADOCDB/INPAFAMDB: Enhancements to the US national patent classification.
NEWS 7	NOV 03	New format for Korean patent application numbers in CA/CAplus increases consistency, saves time.
NEWS 8	NOV 04	Selected STN databases scheduled for removal on December 31, 2010
NEWS 9	NOV 18	PROUSDDR and SYNTHLINE Scheduled for Removal December 31, 2010 by Request of Prous Science
NEWS 10	NOV 22	Higher System Limits Increase the Power of STN Substance-Based Searching
NEWS 11	NOV 24	Search an additional 46,850 records with MEDLINE backfile extension to 1946
NEWS 12	DEC 14	New PNK Field Allows More Precise Crossover among STN Patent Databases
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NEWS 14	DEC 21	CAS Learning Solutions -- a new online training experience
NEWS 15	DEC 22	Value-Added Indexing Improves Access to World Traditional Medicine Patents in CAplus
NEWS 16	JAN 24	The new and enhanced DPCI file on STN has been released
NEWS 17	JAN 26	Improved Timeliness of CAS Indexing Adds Value to USPATFULL and USPAT2 Chemistry Patents
NEWS 18	JAN 26	Updated MeSH vocabulary, new structured abstracts, and other enhancements improve searching in STN reload of MEDLINE
NEWS 19	JAN 28	CABA will be updated weekly
NEWS 20	FEB 23	PCTFULL file on STN completely reloaded
NEWS 21	FEB 23	STN AnaVist Test Projects Now Available for Qualified Customers
NEWS 22	FEB 25	LPCI will be replaced by LDPCI
NEWS 23	MAR 07	Pricing for SELECTing Patent, Application, and Priority Numbers in the USPAT and IFI Database Families is Now Consistent with Similar Patent Databases on STN

NEWS EXPRESS 17 DECEMBER 2010 CURRENT WINDOWS VERSION IS V8.4.2 .1,
AND CURRENT DISCOVER FILE IS DATED 24 JANUARY 2011.

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                                                       ENTRY    SESSION
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56 FILES IN THE FILE LIST IN STNINDEX

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=> s skin(p)infect? and probiotic and bacteria and (supernatant or bacteriocin) and
urinary and mastitis
          0*  FILE ADISNEWS
          0*  FILE ANTE
          0*  FILE AQUALINE
          0*  FILE BIOENG
          0*  FILE BIOTECHABS
          0*  FILE BIOTECHDS
          0*  FILE BIOTECHNO
          1   FILE CAPLUS
          0*  FILE CEABA-VTB
          0*  FILE CIN
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          0*  FILE FROSTI
          0*  FILE FSTA
          1   FILE IFIPAT
          0*  FILE KOSMET
  38 FILES SEARCHED...
          0*  FILE NTIS
          0*  FILE PASCAL
          3   FILE USPATFULL
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L1   QUE SKIN(P)INFECT? AND PROBIOTIC AND BACTERIA AND (SUPERNATANT OR BACTERIO
         CIN) AND URINARY AND MASTITIS

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=> s l1
L2           5 L1

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3            4 DUP REM L2 (1 DUPLICATE REMOVED)

=> d l3 1-4

L3   ANSWER 1 OF 4  IFIPAT  COPYRIGHT 2011 IFI on STN  DUPLICATE 1
AN    11892997  IFIPAT;IFIUDB;IFICDB
TI    Use of Probiotic Bacteria in the Treatment of
      Infection; use of a live culture of a non-pathogenic food-grade
      probiotic bacterium ( lactococcus or lactobacillus strains of
      lactic acid bacteria) in the treatment of infectious
      diseases, may be a localised infection of the skin,
      including an infected wound, a urinary tract
      infection or mastitis
IN    Hallahan Stephen (IE); Ross Paul (IE)
PA    Unassigned Or Assigned To Individual (68000)
PPA   Teagasc The Agriculture and Food Development Authority IE
PPA   University College Cork National University Or (Probable)
PI    US 20080233091  A1  20080925
AI    US 2004-576010      20041015  (10)
      WO 2004-IE143       20041015
                          20070806  PCT 371 date
                          20070806  PCT 102(e) date
PRAI  IE 2003-773          20031017
FI    US 20080233091      20080925
DT    Utility; Patent Application - First Publication
FS    CHEMICAL
      APPLICATION
ED    Entered STN: 26 Sep 2008
      Last Updated on STN: Jan 2011
CLMN  24

L3   ANSWER 2 OF 4  USPATFULL on STN
AN     2008:200899  USPATFULL
TI     Enterococcus Antigens
IN     Meinke, Andreas, Pressbaum, AUSTRIA
       Nagy, Eszter, Vienna, AUSTRIA
       Hanner, Markus, Vienna, AUSTRIA
       Gelbmann, Dieter, Andau, AUSTRIA
PA     Intercell AG, Vienna, AUSTRIA (non-U.S. corporation)
PI     US 20080175856      A1  20080724
AI     US 2004-558119      A1  20040526 (10)
       WO 2004-EP5664          20040526
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                                20051123  PCT 371 date
PRAI   EP 2003-450137           20030530
DT     Utility
FS     APPLICATION
LN.CNT 5615
INCL   INCLM: 424/190.100
NCL    NCLM:  424/190.100
IPC    IPCI   A61K0039-02 [I,A]; A61P0037-00 [I,A]
       IPCR   A61K0039-02 [I,C]; A61K0039-02 [I,A]; A61K0039-00 [N,C*];
              A61K0039-00 [N,A]; A61P0037-00 [I,C]; A61P0037-00 [I,A];
              C07K0014-195 [I,C*]; C07K0014-315 [I,A]; C07K0016-12 [I,C*];
              C07K0016-12 [I,A]; C12N0015-31 [I,C*]; C12N0015-31 [I,A];
              C12Q0001-68 [I,C*]; C12Q0001-68 [I,A]; G01N0033-569 [I,C*];
              G01N0033-569 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3   ANSWER 3 OF 4  USPATFULL on STN
AN     2007:113675  USPATFULL
TI     Antagonistic properties of reef fish microflora
IN     Bruno, Cynthia K., Washington, DC, UNITED STATES
PI     US 20070098745      A1  20070503
AI     US 2006-589301      A1  20061030 (11)
RLI    Continuation-in-part of Ser. No. WO 2005-US15063, filed on 2 May 2005,
       PENDING
PRAI   US 2004-566600P         20040430 (60)
DT     Utility
FS     APPLICATION
LN.CNT 2252
INCL   INCLM: 424/234.100
       INCLS: 424/243.100; 435/252.100
NCL    NCLM:  424/234.100
       NCLS:  424/243.100; 435/252.100
IPC    IPCI   A61K0039-085 [I,A]; A61K0039-02 [I,A]; C12N0001-20 [I,A]
       IPCR   A61K0039-085 [I,C]; A61K0039-085 [I,A]; A61K0039-02 [I,C];
              A61K0039-02 [I,A]; C12N0001-20 [I,C]; C12N0001-20 [I,A]

L3   ANSWER 4 OF 4  CAPLUS  COPYRIGHT 2011 ACS on STN
AN   2005:341762  CAPLUS
TI   Use of Probiotic Bacteria in the Treatment of
     Infection
IN   Ross, Paul; Hallahan, Stephen
PA   Teagasc the Agriculture and Food Development Authority, Ire.; University
     College Cork
SO   PCT Int. Appl.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
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PI   WO 2005034970        A1    20050421    WO 2004-IE143          20041015
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
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             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
             SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
             SN, TD, TG
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     IE 2003000773        A1    20050420    IE 2003-773           20031017
     EP 1675603           A1    20060705    EP 2004-770417        20041015
     EP 1675603           B1    20090819
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
     AT 439851            T     20090915    AT 2004-770417        20041015
     ES 2331650           T3    20100112    ES 2004-770417        20041015
     US 20080233091       A1    20080925    US 2007-576010        20070806
PRAI IE 2003-773          A     20031017
     WO 2004-IE143        W     20041015
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G   2     THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
RE.CNT  10    THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> d l3 2

L3   ANSWER 2 OF 4  USPATFULL on STN
AN     2008:200899  USPATFULL
TI     Enterococcus Antigens
IN     Meinke, Andreas, Pressbaum, AUSTRIA
       Nagy, Eszter, Vienna, AUSTRIA
       Hanner, Markus, Vienna, AUSTRIA
       Gelbmann, Dieter, Andau, AUSTRIA
PA     Intercell AG, Vienna, AUSTRIA (non-U.S. corporation)
PI     US 20080175856      A1  20080724
AI     US 2004-558119      A1  20040526 (10)
       WO 2004-EP5664          20040526
                               20051123  PCT 371 date
PRAI   EP 2003-450137          20030530
DT     Utility
FS     APPLICATION
LN.CNT 5615
INCL   INCLM: 424/190.100
NCL    NCLM:  424/190.100
IPC    IPCI   A61K0039-02 [I,A]; A61P0037-00 [I,A]
       IPCR   A61K0039-02 [I,C]; A61K0039-02 [I,A]; A61K0039-00 [N,C*];
              A61K0039-00 [N,A]; A61P0037-00 [I,C]; A61P0037-00 [I,A];
              C07K0014-195 [I,C*]; C07K0014-315 [I,A]; C07K0016-12 [I,C*];
              C07K0016-12 [I,A]; C12N0015-31 [I,C*]; C12N0015-31 [I,A];
              C12Q0001-68 [I,C*]; C12Q0001-68 [I,A]; G01N0033-569 [I,C*];
              G01N0033-569 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> d l3 2 kwic

L3   ANSWER 2 OF 4  USPATFULL on STN
SUMM   Enterococci are gram-positive bacteria that are normal
       inhabitants of the alimentary tract of humans and animals. They have
       been recognized as a cause of.  .  .
SUMM   .  .  .  E. faecium is unique because it is commonly used in production
       of fermented foods, and is also used as a probiotic bacterium.
       In recent years, E. faecium has been less acceptable as a food
       fermentation organism because of concern that this bacterium may be an
       intermediate host for spreading of antibiotic resistance to
       bacteria involved in human infections. Despite these concerns,
       E. faecium is still amongst the most common bacteria found in
       foods fermented by lactic acid bacteria. Many isolates of E.
       faecium have been shown to produce bacteriocins (antimicrobial peptides)
       that are able to kill or inhibit.  .  .  been chosen as starter cultures
```

in the production of fermented food. Recently, enterocins have been implemented successfully in treatment of mastitis in cattle.

SUMM Infection caused by the genus Enterococcus include a) bacteremia, b) urinary tract infections c) endophthalmitis, d) endocarditis and also wound and intra-abdominal infections. Approximately 3/4 of the infections are caused by. . .

SUMM b) Urinary Tract Infections

SUMM Enterococci have been estimated to account for 110,000 urinary tract infections (UTI) annually in the United States. A few studies have been aimed at understanding the interaction of enterococci. . .

SUMM . . . select for appropriate screening reagents, a series of immunoassays (mainly ELISA and immunoblotting) were performed with bacterial lysate and culture supernatant proteins to measure anti-E. faecalis IgG antibody levels. Sera from high titer individuals were included in the genomic-based antigen identification.

SUMM . . . most important diseases, which can be inflicted by the two pathogens is presented below. S. aureus causes mainly nosocomial, opportunistic infections: impetigo, folliculitis, abscesses, boils, infected lacerations, endocarditis, meningitis, septic arthritis, pneumonia, osteomyelitis, scalded skin syndrome (SSS), toxic shock syndrome. E. faecalis causes mainly infections which are not highly toxigenic, highly invasive, or highly infectious by most measures. They do, nevertheless, cause a substantial amount of human disease such as bacteremia, urinary tract infections, endocarditis and intra-abdominal infections.

SUMM . . . a serum collection, which has been tested against antigenic compounds of E. faecalis, such as whole cell extracts and culture supernatant proteins. Preferably, 2 distinct serum collections are used: 1. With very stable antibody repertoire: normal adults, clinically healthy people, who. . . induced acutely by the presence of the pathogenic organism: patients with acute disease with different manifestations (e.g. E. faecalis endocarditis, urinary tract infection and bacteraemia). Sera have to react with multiple enterococci-specific antigens in order to be considered hyperimmune and therefore. . .

SUMM . . . against secreted proteins are beneficial in neutralisation of their function as toxin or virulence component. It is also known that bacteria communicate with each other through secreted proteins. Neutralizing antibodies against these proteins will interrupt growth-promoting cross-talk between or within enterococcal. . .

SUMM . . . mechanisms. Inducing high affinity antibodies of the opsonic and neutralizing type by vaccination helps the innate immune system to eliminate bacteria and toxins. This makes the method according to the present invention an optimal tool for the identification of enterococcal antigenic. . .

SUMM The skin and mucous membranes are formidable barriers against invasion by enterococci. However, once the skin or the mucous membranes are breached the first line of non-adaptive cellular defence begins its co-ordinate action through complement and phagocytes, especially the polymorphonuclear leukocytes (PMNs). These cells can be regarded as the cornerstones in eliminating invading bacteria. As enterococci are primarily extracellular pathogens, the major anti-enterococcal adaptive response comes from the humoral arm of the immune system,. . . to activated C3b. After opsonization, enterococci are phagocytosed and killed. Antibodies bound to specific antigens on the cell surface of bacteria serve as ligands for the attachment to PMNs and to promote phagocytosis. The very same antibodies bound to the adhesins. . . antigens as provided by the present invention is thus well suited to identify those that will lead to protection against infection in an animal model or in humans.

SUMM . . . of the invention can be synthetically produced by conventional

peptide synthesizers. Mature proteins can be expressed in mammalian cells, yeast, bacteria, or other cells under the control of appropriate promoters. Cell-free translation systems can also be, employed to produce such proteins. . .

SUMM . . . a disease, most preferably for the diagnosis of a diseases related or linked to the presence or abundance of Gram-positive bacteria, especially bacteria selected from the group comprising enterococci, staphylococci and lactococci. More preferably, the microorganisms are selected from the group comprising Streptococcus. . .

SUMM . . . may be used as an antigen for vaccination of a host to produce specific antibodies which protect against invasion of bacteria , for example by blocking adherence of bacteria to damaged tissue. Examples of tissue damage include wounds in skin or connective tissue caused e.g. by mechanical, chemical or. . .

SUMM . . . described above, the compositions of this invention may be used generally as a wound treatment agent to prevent adhesion of bacteria to matrix proteins exposed in wound tissue and for prophylactic use in dental treatment as an alternative to, or in. . .

DETD Total bacterial lysate: Bacteria were grown overnight in BHI (Brain-heart Infusion) and lysed by repeated freeze-thaw cycles: incubation on dry ice/ethanol-mixture until frozen (1 min), then thawed at 37° C. (5 min): repeated 3 times. This was followed by sonication and collection of supernatant by centrifugation (3,500 rpm, 15 min, 4° C.).

DETD Culture supernatant: After removal of bacteria by centrifugation, the supernatant of overnight grown bacterial cultures was precipitated with ice-cold ethanol by mixing 1 part supernatant with 3 parts absolute ethanol and incubated overnight at -20° C. Precipitates were collected by centrifugation (2,600 g, for 15. . .

DETD Total bacterial lysate and culture supernatant samples were prepared from in vitro grown E. faecalis strain V583. 10 to 25 μg total protein/lane was separated by. . .

DETD . . . immune assays. Primary characterization was done by ELISA using two different antigen preparations, such as total bacterial extract and culture supernatant proteins prepared from E. faecalis V583 strain. Representative experiments are shown in FIG. 1 using sera from the healthy adult. . .

DETD Preparation of enterococcal genomic DNA. 50 ml Brain heart infusion (BHI) medium was inoculated with Enterococcus faecalis V583 bacteria from a frozen stab and grown with aeration and shaking for 18 h at 37° C. The culture was then harvested, centrifuged with 1,600×g for 15 min and the supernatant was removed. Bacterial pellets were washed 3× with PBS and carefully re-suspended in 0.5 ml of Lysozyme solution (100 mg/ml).. . . solution was incubated for 20 min at 4° C. The extract was pelleted in a microfuge (13,000 rpm) and the supernatant transferred into a new tube. The solution was extracted with PhOH/CHCl.sub.3/IAA (25:24:1) and with CHCl.sub.3/IAA (24:1). DNA was precipitated at. . .

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.47	33.54

FILE 'STNGUIDE' ENTERED AT 03:04:17 ON 28 MAR 2011

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Mar 25, 2011 (20110325/UP).

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     INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
     AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
     CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
     DRUGU, EMBAL, EMBASE, ESBIOBASE, ...' ENTERED AT 03:00:03 ON 28 MAR 2011
               SEA SKIN(P)INFECT? AND PROBIOTIC AND BACTERIA AND (SUPERNATANT
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               0*  FILE ADISNEWS
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               3   FILE USPATFULL
               0*  FILE WATER
L1              QUE SKIN(P)INFECT? AND PROBIOTIC AND BACTERIA AND (SUPERNATANT
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L3            4 DUP REM L2 (1 DUPLICATE REMOVED)

     FILE 'STNGUIDE' ENTERED AT 03:04:17 ON 28 MAR 2011

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                                                     ENTRY    SESSION
FULL ESTIMATED COST                                   0.24      33.78

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 NEWS  3  NOV 24   Search an additional 46,850 records with MEDLINE
                   backfile extension to 1946
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 NEWS  7  DEC 22   Value-Added Indexing Improves Access to World Traditional
                   Medicine Patents in CAplus
 NEWS  8  JAN 24   The new and enhanced DPCI file on STN has been released
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 NEWS 13  FEB 23   STN AnaVist Test Projects Now Available for
                   Qualified Customers
 NEWS 14  FEB 25   LPCI will be replaced by LDPCI
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                   Numbers in the USPAT and IFI Database Families is Now
                   Consistent with Similar Patent Databases on STN
 NEWS 16  APR 26   Expanded Swedish Patent Application Coverage in CA/CAplus
                   Provides More Current and Complete Information
 NEWS 17  APR 28   The DWPI (files WPINDEX, WPIDS and WPIX) on STN have been
                   enhanced with thesauri for the European Patent Classifications
 NEWS 18  MAY 02   MEDLINE Improvements Provide Fast and Simple Access to DOI and
                   Chemical Name Information
 NEWS 19  MAY 12   European Patent Classification thesauri added to the INPADOC
                   files, PCTFULL, GBFULL and FRFULL
 NEWS 20  MAY 23   Enhanced performance of STN biosequence searches
 NEWS 21  MAY 23   Free Trial of the Numeric Property Search Feature
                   in PCTFULL on STN
 NEWS 22  JUN 20   STN on the Web Enhanced with New Patent Family Assistant and
                   Updated Structure Plug-In
 NEWS 23  JUN 20   INPADOC databases enhanced with first page images
 NEWS 24  JUN 20   PATDPA database updates to end in June 2011
 NEWS 25  JUN 21   INPADOC: Delay of German patent coverage
 NEWS 26  JUN 26   MARPAT Enhancements Save Time and Increase Usability
 NEWS 27  JUL 25   STN adds Australian patent full-text database,
                   AUPATFULL, including the new numeric search feature.
 NEWS 28  AUG 01   CA Sections Added to ACS Publications Web Editions
                   Platform

 NEWS EXPRESS 17 DECEMBER 2010 CURRENT WINDOWS VERSION IS V8.4.2 .1,
              AND CURRENT DISCOVER FILE IS DATED 24 JANUARY 2011.

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FILE 'HOME' ENTERED AT 19:40:49 ON 12 AUG 2011

=> index bioscience
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.23       0.23

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
       AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
       CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
       DRUGU, EMBAL, EMBASE, ESBIOBASE, ...' ENTERED AT 19:41:04 ON 12 AUG 2011

56 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s Lactococcus and skin and probiotic
          1   FILE AGRICOLA
          1   FILE AQUASCI
          1   FILE BIOENG
          4   FILE BIOSIS
          3   FILE BIOTECHABS
          3   FILE BIOTECHDS
          4   FILE CABA
         16   FILE CAPLUS
          3   FILE DGENE
          5   FILE EMBASE
          1   FILE ESBIOBASE
          4   FILE FROSTI
          1   FILE FSTA
         20   FILE IFIPAT
          2   FILE LIFESCI
          1   FILE MEDLINE
          3   FILE PASCAL
          2   FILE SCISEARCH
          2   FILE TOXCENTER
        220   FILE USPATFULL
         22   FILE USPAT2
  51 FILES SEARCHED...
         38   FILE WPIDS
         38   FILE WPINDEX

  23 FILES HAVE ONE OR MORE ANSWERS,   56 FILES SEARCHED IN STNINDEX

L1   QUE LACTOCOCCUS AND SKIN AND PROBIOTIC

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.71       0.94
```

STN INTERNATIONAL LOGOFF AT 19:41:48 ON 12 AUG 2011